PCMCIA Storage Cases • Mobile RJ-11 Retractable Cables

Take your PCMCIA cards on the road and have the cable you need to plug into a phone jack.

FEATURES

- **PCMCIA Storage Cases protect Types I, II, and III PCMCIA cards from harmful dust and debris.**
- **Made of durable vinyl and polypropylene.**
- **Mobile RJ-11 cables extend and retract easily, like a tape measure, into cases that are smaller than cassettes.**
- **Plug the RJ-11 connector into a phone jack, pull out as much cable as you need, then plug the other end into your laptop's modem port.**

OVERVIEW

Are you one of those road warriors attached to the laptop to your mobile computer? Are you always in contact with the home office, sending and receiving files? Then you need our PCMCIA Storage Cases and Mobile RJ-11 Retractable Cables.

The pocket-sized **SingleStore** (AC103) protects Type I and II PCMCIA cards. Molded from durable vinyl, the SingleStore enables easy storage and portability and offers an economical solution to your mobile data storage requirements. It features a molded inner lip that holds the memory card securely in place.

Our **SecureStore** (AC109) provides the ultimate in shock protection for rotating memory cards. A SecureStore case protects Type III cards inside molded durable polypropylene cases. A thermoplastic rubber tray provides superior shock absorption. Perimeter connection of the tray to the base forms an air- and water-tight gasket. A state-of-the-art snap lock ensures positive closure.

SecureStore cases are designed to meet stringent industry drop standards. Properly store your cards—and eliminate the risk of losing valuable data—with SecureStore.

To plug your computer into a data port when you're on the road, opt for one of our **Mobile RJ-11 Retractable Cables** (TE101A-R2 or AC108-R2). They easily extend and retract for convenient storage and use.

Mobile RJ-11 Retractable Cables offer an efficient alternative to loose and tangled cables. They're designed to share the same footprint as a standard PCMCIA card to provide ease of use and efficiency.

The reel component on these cables features a molded finger recess for smooth, easy winding. It's molded from durable acetal, providing frictionless action. The RJ-11 connector retracts easily into its original position after use.

Choose from two models—the rectangle-case TE101A-R2 with 10 feet (3 m) of cable or the oval-case AC108-R2, with 8 feet (2.4 m) of cable.

Our PCMCIA Storage Cases and the Mobile RJ-11 Retractable Cables are guaranteed for life!

Item	Code
PCMCIA Storage Cases	
SingleStore, Black	**AC103**
SecureStore, Green	**AC109**
Mobile RJ-11 Retractable Cables	
Rectangle, 10-ft. (3-m)	**TE101A-R2**
Oval, 8-ft. (2.4-m)	**AC108-R2**

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

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- **You wait more than 30 minutes to get through to a vendor's tech support.**
- **The so-called "tech" can't help you or gives you the wrong answer.**
- **You don't have a purchase order number and the tech refuses to help you.**
- **It's 9 p. m. and you need help, but your vendor's tech support line is closed.**

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

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The Personal Computer Memory Card International Association (PCMCIA) is an organization that is chartered with establishing, marketing, and maintaining a series of hardware and software standards for credit card-sized, integrated-circuit PC cards.

PCMCIA cards are your laptop's mobile link to the outside world. You can use them to send last-minute data files from the airport to the office. Then you can link your laptop to connect to a branch office's Ethernet port.

The PCMCIA standard specifies a removable device measuring 2.126" x 3.37" (5.4 x 8.6 cm)—basically the size of three stacked credit cards. PCMCIA cards have 68 pins and interface with both 8- and 16-bit buses. They also support physical access of up to 64 MB of memory.

PCMCIA cards provide universal expansion capability for laptop computers and personal digital assistants (PDAs). These tiny cards can support a wide variety of functions including faxmodem capabilities, mass storage, and memory extension for host machines.

PCMCIA enables you to choose the memory and I/O devices (LAN adapters, faxmodems, disk drives, etc.) that you need most. You are not restricted to using cards that work with only a specific computer make or model.

The three types of PCMCIA slots are defined by the thickness of the card that fits in them. All card types are backward compatible.

Type I cards are 3.3-mm thick. They're used primarily in PD As as RAM, flash memory, electrically erasable programmable read-only memory (EEPROM), and one-time programmable memory (OTP).

Type II cards are 5-mm thick and are fully I/O-capable. You can use them for memory enhancements or for I/O features in modems, LAN connections, and host communications.

Type III cards measure 10.5-mm thick. They're designed primarily for removable hard drives and radio communication devices that require a larger size. They can also be used for memory enhancements.

Type I and II extended cards are identical to the regular cards except they're 50 mm longer. These cards are used in applications that need components outside of the systems or that simply need more room for internal components.

Plug PCMCIA cards into a host socket/adapter on the computer's motherboard or connect them to its expansion bus. The socket side has the standard 68-pin interface for the card. The adapter side translates the PCMCIA interface signals to match the computer's bus standards.

Socket Services 2.0 is the software interface between the card in the socket and the adapter to the computer's bus. The standard Socket Services interface is what permits the use of any PCMCIA card on any PC equipped with a socket/adapter.

The programming interface for PCMCIA is called Card Services 2.0. It sends the signals to link Socket Services to the PC's operating system and hardware.

Card Information Structure (CIS) contains information about how the card functions, its size, its electrical requirements, and so on. On card insertion, the card passes this identifying information to the host system.

The system software reads the CIS data on insertion, installs the appropriate drivers, notifies relevant system resources, and initializes the card to make it available for use by the host.

There have been three major PCMCIA releases since the inception of the PCMCIA organization in 1989. PCMCIA Release 1.0 set the specification for a PC card, offering memory capabilities for mobile computing. Release 2.0 broadened the spec to include mass storage, modem, LAN, cellular and radio frequency communications peripherals. Release 2.1 enhanced the Card and Socket Services specs, and made improvements to the CIS. All standards are backward compatible.